

Notice of Allowability

Application No.

10/655,680

Examiner

Ronald Baum

Applicant(s)

MARVIT ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/7/2006.
2. ☒ The allowed claim(s) is/are 1,3-14,16,18,23,25-36,38,40,45,47-58,60,62 and 67-108.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

5/9/07

DETAILED ACTION

Examiner's Statement of Reasons for Allowance

1. Claims 1, 3-14, 16, 18, 23, 25-36, 38, 40, 45, 47-58, 60, 62 and 67-108 are allowed over prior art.
2. This action is in reply to applicant's correspondence of 07 August 2006.
3. The following is an examiner's statement of reasons for the indication of allowable claimed subject matter.
4. The terminal disclaimer filed on 2/12/2007 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of U.S. Patent 6,215,877 B1 has been reviewed and is accepted. The terminal disclaimer has been recorded.
5. As per claims 1, 23, 45, 67, 72, 77, 82, 91 and 100 generally, prior art of record, Matsumoto, U.S. Patent 6,215,877 B1 and Boneh, D. et al, "A revocable backup system", USENIX security Conference, pp. 91-96, 1996, fails to teach alone, or in combination, at the time of the invention, the features as discussed and remarked upon in the response of 07 August 2006 to office action of 2/12/2007.

Specifically, (as per claim 1, for example) prior art dealing with distributed security policy/key/token/certificate management via client server architectures utilizing authentication support of file/web resource authorization/access control (i.e., applications involving arbitrarily complex authorization delegation utilizing 'pieces' of security policy distributed across arbitrary [network] hosts; Bauer, L., et al, 'A General and Flexible Access-Control System for the Web', 8/2002, Proceedings of the 11th USENIX Security Symposium, entire

document, <http://www.ece.cmu.edu/~lbauer/papers/webauth-sec02.pdf>), is generally known per se.

Nowhere in the prior art is found collectively the *italicized* claim elements (i.e., managed message access via associated message identifier/keys utilizing policy based encoded content/keys accessed/decoded upon request/response across a multiple node network, with the content node specifically decoupled at decoding), at the *time of the invention*, serving to patently distinguish the invention from said prior art;

“1. A method for *managing access to messages in a network*, the method comprising the computer-implemented steps of:

receiving, from a first node in the network,

a request for

both

a message identifier that

uniquely identifies the message and

a key that may be used

to encode the message;

generating, in response to receiving the request,

both

the message identifier and

the key;

providing

both

the message identifier and

the *key* to the *first node*
to allow the message to be
encoded with the *key*
to generate an encoded message;
receiving, from a *second node* in the network,
a *request for the key;*
providing the *key* to the *second node*
to allow
the encoded message to be
decoded and
the *message* to be
retrieved using the key; and
managing access to the key based upon
key policy criteria;
receiving and storing one or more *encoded messages*
at the *second node;*
requesting, receiving, and storing at the *second node*, one or more *keys*,
wherein *each of the keys* is associated with
one of the encoded messages
that are stored at the second node;
decoupling the second node
from the network; and
decoding the encoded messages

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based on the keys.”

6. Dependent claims 3-14, 16, 18, 25-36, 38, 40, 47-58, 60, 62, 68-71, 73-76, 78-81, 83-90, 92-99 and 101-108 are allowable by virtue of their dependencies.


Conclusion

7. Any inquiry concerning this communication or earlier communications from examiner should be directed to Ronald Baum, whose telephone number is (571) 272-3861, and whose unofficial Fax number is (571) 273-3861 and unofficial email is Ronald.baum@uspto.gov. The examiner can normally be reached Monday through Thursday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami, can be reached at (571) 272-4195. The Fax number for the organization where this application is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. For more information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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